

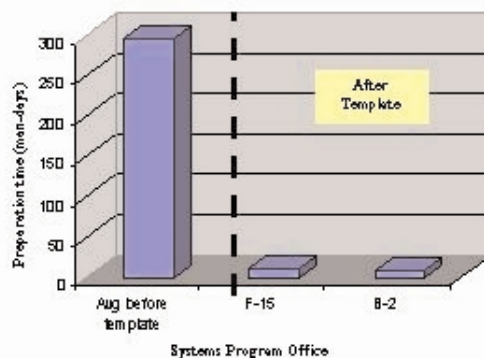


# ASC ENGINEERING FACT SHEET

... AN ENGINEERING SUCCESS STORY

## Programmatic Environmental, Safety & Health Evaluation Template

**97 percent reduction in time**  
Average PESHE Cycle Time Reduction  
(Time)



### DESCRIPTION

ASC/EN is researching the advantages of changing the template into an ASC/EN Operating Instruction or incorporating it into the Systems Engineering Process Handbook as a best practice for use across program offices. The template helps the weapons system (WS)

### SUMMARY

#### PROBLEM:

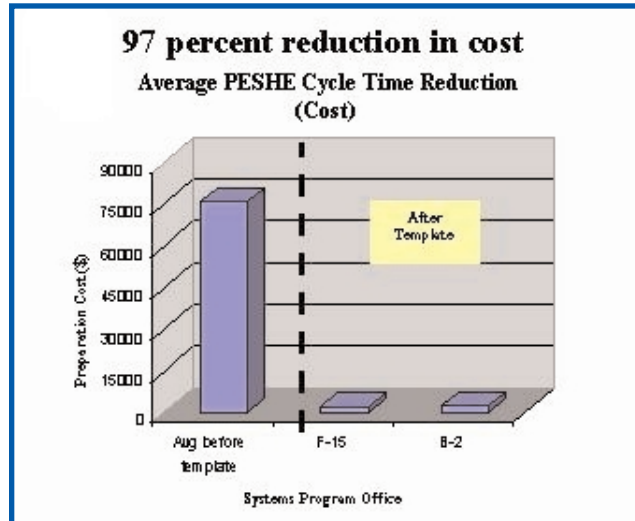
- The production of a Programmatic Environmental, Safety, and Health Evaluation (PESHE) has been a slow, costly process due to vague guidance in DoD 5000.2-R Mandatory Procedures for Major Defense Acquisition Programs and Major Automated Information System Acquisition Programs and differences in maturity of various ASC weapon systems. Past PESHE preparation times have taken as long as 461 man-days. Recently in ASC/RA, however, a final PESHE was developed in just 83 man-days.

#### SOLUTION:

- A standard PESHE template, based upon ASC/RA's model, was developed to assist ASC/EN's desire to further reduce the PESHE development cycle time. The goal was to complete the PESHE in 78 man-days or fewer. The template enabled the PESHEs to be produced in an average of 10 man-days. The template is applicable to all System Program Offices across the Aeronautical Systems Center.

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office develop a more comprehensive PESHE. Benefits of developing the PESHE template also include time and cost savings, as well as getting



the WS office in compliance with DoD 5000.2-R quickly, which would be beneficial during Inspector General audits. Lack of management in areas covered by a PESHE could lead to fines, imposed by regulators, as high as \$25,000 per day.

The PESHE is a living document that describes the System Program Director's (SPD) strategy for meeting environmental, safety, and health (ESH) requirements in accordance with paragraph 4.3.7 of

DoD Regulation 5000.2-R. One requirement is that each program's acquisition strategy must include a PESHE. The program manager (PM) is to initiate the PESHE at the earliest possible time in support of a program initiation decision (usually Milestone 1) and update the evaluation throughout the life cycle of the program. The PESHE establishes responsibilities and identifies how progress will be tracked. All programs, regardless of acquisition category, are required to comply with paragraph 4.3.7 of DoD 5000.2-R. ESH analyses are to be conducted, as described in paragraph 4.3.7, to integrate ESH issues into the systems engineering process and to support development of the PESHE.

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